

# SOUTH PRODUCTION NOTES

September 16, 2014  
Day Shift

BASF EMPLOYEES  
78 Last Recordable  
439 Last Lost Time

Down to the last couple of 113 bags. Planning to switch to 114 bags temporarily  
Continue to Record Fines on Green Sheet

## #1 MED / AI-5645/AI-4190 Next:

### Completed.

Midnight shift: No change. Stayed away from #1 extruder.

Day shift:

Afternoon shift: No activity...keep away from the extruder area as GEM has it roped off. They will continue efforts to pull welding engineer auger out on Tuesday.

## #1 RC / AI-5645 done, AI-5637 next:

Work scheduled on calciner the weeks of 9/22 and 9/29.

Midnight shift: No change. Waiting on engineer for cleaning instructions.

Day shift:

Afternoon shift: Finishing last material in hopper and two drums of oversize.

Confirmed with John Bodmann to (a) bring temps down to reverse calciner, (b) then bring calciner completely down, and (c) John will inspect and evaluate what type/level of cleaning needed before we switch to AI 5637 feed to calciner.

**Exhaust to Trimer (need to check exhaust for AI 5637)**

## #2 MED line / Cu-0860:

Continue. Add in the wet mix. NOTE: when the last Nalco tote goes empty, we are to switch to a replacement brand (called Bindzil 2034, SAP # 50363317).

These totes are in the warehouse in section A...they look exactly like Nalco.

Please be sure to identify the first batch made when using the Bindzil 2034.

Midnight shift: Continued to run. Running hand to mouth with the inserts. Still have a half tote of Nalco left.

Day Shift:

Afternoon Shift: Continue. Add wet mix from cart and stop filling drums (there are two on a pallet). Will be working on cleaning out several batches of inserts tonight. Try to use them in the morning.

**#2 RC/ Cu-0860:**

Continue to feed the calciner.

Midnight Shift: Continued.

Day Shift:

Afternoon shift: Continue. Had to change out the syntron flex hose (split open).

**Currently exhausting to CTO as F1 down for cleaning/repairs**

**#3 MED / D-1794:**

Continue On. Continue. Add in the wet mix from the cart and any drums as we go.

Midnight Shift: Continued.

Day shift:

Afternoon Shift: Continue. Full cart of wet mix/clean-out in the cart for the past several days.

**#3 RC / D-1794:**

Continue when feed is available.

Midnight shift: continued. Almost caught up to calciner.

Day shift:

Afternoon Shift: Continued.

**Need to exhaust to CTO**

**New Pfaudler / D-1145 SNAP:**

When material available again, continue. Should make 2 Batches per Shift.

Midnight shift: Batch made.

Day shift:

Afternoon Shift: Started batches again. TDR in place to use the remaining bags of Al 5645 base (currently 12 bags left). There is only 14% in the chrome tank, enough for 1 more batch. Make that on midnight and hold off on chrome tank make-up until engineers advise how much more to make. Also, do not feed tonight's batch buggies to the National until morning as chrome monitoring and inspection of National dryer will occur on Tuesday.

**National Dryer / D-1145 SNAP:**

When material available again, continue. **Target = 1200 lbs. per hour.**

Midnight Shift: Did not feed. Cleaning around the dryer. Dryer modifications will be evaluated on first shift.

Day shift:



**Afternoon Shift: Feeding some material until around 10:00 pm, then hold any additional buggies until Tuesday for chrome monitoring and inspection of dryer.**

#### **#4 RC / D-1145 SNAP:**

**Restarting calciner to finish the last SNAP impreg batches. Be sure to set-up the bag off station and oversize drum (put last bag and drum back on prior to calciner shocking). Should be Lot 66 bag 2 (had approximately 2300 lbs).**

**Midnight Shift: Bag and oversize removed and bag 2 from lot 66 rehung.**

**Day shift:**

**Afternoon Shift: Calciner has been relit and bringing up temps. Should be able to begin feeding on Tuesday. Set up bag 2 from Lot 66 (last bag that was on station).**

**Exhaust to 4A DC**

#### **#5 RC / Cu-3818:**

**Continue to feed. W.O.W. for inspection of the 5A roto-lock (possibly worn paddles). (RS 9/8/14) – When run is complete. Hold for instructions from Bodmann. Cu 3818 should be next. Copper Carbonate-do not use World Metals.**

**Midnight Shift: Bringing up temperatures and getting raw materials staged. Should be able to start on day shift.**

**Day shift:**

**Afternoon shift: #5 RC was inspected and had light dust coating. 5A DC was also looked at and is OK to start Cu Carb (Phibro-tech) feed. Line out calciner temps and begin when ready.**

**Exhaust to 5A DC**

#### **Abbe Blender / 5206:**

**ONLY run Abbe on off shifts and weekends.**

**Midnight shift: Continued to make batches.**

**Day shift:**

**Afternoon Shift: Water tested and OK to go. Began making batches but may need to stop if #6 dryer/calciner temp aren't ready**

#### **#6 RC / D-5206**

**Continue when we have feed and can run the Abbe.**

**Midnight shift: Able to get dryer up to temperature and got calciner lit and bringing up to temperature. Also cleaned around the feed end of the calciner where the soda blasting discharge was on the floor. Should be able to start the feed early on day shift.**

**Day Shift:**

**Afternoon shift:** Trying to get dryer up to temp, and calciner sequence stopped (waiting for dryer to reach setpoint). Maintenance looking at it late afternoon shift.

**Exhaust to Sly Scrubber**

**Tower 3 / Cu-1986:**

**Continue On.**

**Midnight Shift:**

**Day shift:** Running.

**Afternoon shift:** Continue

**Tower 6 / Cu-0860:**

**Continue on.**

**Midnight Shift:** Tower was reloaded with 5 bags from lot 156 and 1 bag from lot 157.

**Day shift:**

**Afternoon shift:** Tower will be coming down early midnight shift. Received instructions from Kristen Kaput to use four bags from lot 156 and two bags from lot 157 when reloading (two bags from lot 156 are missing, Kristen will work on finding these on Tuesday).

**North Screener / Cu-1986:**

**Continue On.**

**Midnight shift:** Were able to run throughout the night.

**Day shift:**

**Afternoon shift:** Continue but running bad (air pressure dropping, would not screener properly). Work notification written to have maintenance inspect air line and vibrator.

**South Screener / Cu 0860 :**

**Continue On.**

**Midnight shift:** Continued.

**Day shift:**

**Afternoon Shift:** Continue

**#2662 (west) Pill Machine / Al-3915 T 5/32:**

**Midnight shift: Continued.**  
**Day Shift:**  
**Afternoon shift: Continue**

**#2664 (east) Pill Machine / Al-3915 T 5/32:**

**Midnight shift: Continued.**  
**Day shift:**  
**Afternoon shift: Continue**

**Old Pfaudler / Clean for D-1795:**

**Hold, D-1795 impregs coming soon**  
**Midnight Shift: Hold**  
**Day Shift: Hold**  
**Afternoon shift: Hold**

**TK #2 / V-2010:**

**NOTE: all tunnel kiln personnel need to remove their belongings from their respective TK Racal lockers. Chuck Evans will have new Racal/PAPR lockers assigned to TK operators by the PPE shelves in building 17. See Chuck or your GL for details. V-2010 press cake is in the warehouse (across from receiving docks).**

**Midnight shift: Continued. Adjusted temps.**  
**Day Shift:**  
**Afternoon shift: Continue. Instructions from Bill Grodecki to make temp adjustment (zone 6 back adjusted up slightly, zone 6 front adjusted down slightly). Will need to get profile sample in the morning to verify if any additional adjustments needed.**

**TK #4 / Cu 0540 next (Sterotex screening for now):**

**This kiln is off.**  
**Midnight shift: No activity**  
**Day Shift: No activity**  
**Afternoon shift: No activity**

**PK Blender / 3915 Pill Mix:**

**HOLD!!!! 19 of 25 batches made, will need 6 more bags of sterotex before making more HOWEVER we are NOT to make more until DC baghouse pressure drop issues are resolved.**

**Work notification written to change the sheaves in the PK blender dust collector fan. The sheaves were previously changed to slow down the fan due to a squeeling sound, but since**



it's been slowed down the differential pressure on the collector is too low and out of compliance with the EPA. If we speed up the fan we should be able to achieve a higher dP, hopefully without the loud sound we had previously. Right now the fan is running about 1800RPM, the nameplate shows the design to be 3500RPM. We are not going to run the PK until this issue is resolved and the dP is within range,

**Midnight Shift: No Activity**

**Day shift: Dust collector has been emptied. Justin still working on baghouse pressure drop issues. No production activity. Will be getting new DC bags/caps on Monday. We can lock out DC for Tuesday morning.**

**Afternoon shift: No activity**

**Building 27 Belt Filter / S1-81 trial:**

**All material is now available. Continue to monitor and work with the north end during this campaign of 5020.**

**Midnight shift: Tanks made up and ready to go for day shift.**

**Day shift:**

**Afternoon Shift: Hold for now....the 3<sup>rd</sup> strike tank prep will be held until Monday night (was Sunday night but now moved to Monday night). Jack has provided instructions to 3<sup>rd</sup> shift operator (Nielsen) so that everything will be ready on Tuesday morning when Beachwood personnel arrive. Tanks 5 and 107 are to be prepared, but do not add any Ti O2 per Jack Pettry.**

**Priorities 1 through 8 are basically all the same priority, should be considered urgent and will require call outs for maint. issues and/or processing issues.**

- 1) Reduction Towers**
- 2) Reduction Tower Screeners**
- 3) S1-81 Trials**
- 4) #3 Line/#3RC**
- 5) #1 Line/#1 RC**
- 6) West Pfaudler/National Dryer/#4RC**
- 7) #2 Line/#2RC**
- 8) #5 RC**
- 9) Horne Tableting**
- 10) South PK**
- 11) Abbe/#6RC**

**To-Do items:**

**Fix Welding engineer - GEM to remove auger so they can be fixed / replaced for AI-4190 (continuing Tuesday)**

**Fix F1 issues will be addressed by Ameriwest on Monday morning (continuing Tuesday)**

**Cu-0860 inserts can be placed in the oven in B-31 lab for 2 hours then poke out inserts with paperclip-per Bob Priscak. (keep working on these)**